Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 09 Mar 2023 until 23:59 on Friday 10 Mar 2023

Forecast Issued on Thursday 09 Mar 2023 at 03:41

Confidence: High for a general trend to less cold conditions by Monday. Medium for rain or snow detail throughout the forecast period.

Headline for Thursday 09 Mar 2023: Heavy snow and blizzards with a risk of whiteout conditions.

Mountain weather hazards on Thursday 09 Mar 2023

Blizzards Medium Likelihood	**Heavy persistent snow** High Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers	Light snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability					
40%	70%	70%	70%	80%	70%

Forecast for Thursday 09 Mar 2023

Weather: Patchy light snow possible at first. Snow becoming more persistent during the morning, turning heavy at times for the rest of the day with blizzard conditions, drifting and a severe wind chill.

Chance of cloud-free hill tops above 600m: 80% overnight, falling 20% or less during daylight hours and through the evening.

Low Cloud and visibility: Occasional or patchy cloud, base near or above the summits, becoming extensive, base 300 to 600m during daylight hours and the evening. Visibility very good becoming poor or very poor during daylight hours and the evening, the sky obscured in heavy snow and whiteout conditions at times.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 09 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/21 E	15/21 E	20/28 E	23/33 E	26/38 E	30/44 E	29/42 NE
300	8/22 E	10/22 E	14/27 E	17/34 E	19/40 E	22/45 E	21/43 NE
Valley	9/18 NE	7/18 E	12/25 E	14/30 E	17/38 E	19/41 NE	18/39 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-9	-3/-10	-3/-10	-2/-10	-3/-11	-3/-12	-3/-12
300	-1/-6	-0/-5	-0/-6	-0/-6	-1/-8	-1/-8	-1/-8
Valley	0/-4	1/-2	1/-4	1/-4	1/-5	1/-5	1/-6
Freezing Level*	00m	00m	100m	200m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some very poor winter conditions expected at times during daylight hours and the evening. Gusts 50mph or more over the tops with whiteout conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 09 Mar 2023	0mm	0mm	1.2mm

Forecast for Friday 10 Mar 2023

Weather: Much of the snow clearing away overnight, although a few snow showers continuing into the morning. Bright and sunny spells developing and winds easing. Clear skies and a widespread frost in the evening.

Maximum wind: Northeast 30 gusts 40mph, decreasing North 15mph around midday.

Chance of cloud-free hill tops above 600m: 20% overnight, rising to 80% during daylight hours and evening.

Low Cloud and visibility: Extensive, base 600m or less, soon lifting and breaking above the summits during daylight hours.

Temperature: **Valleys:** Minus 2 rising to Plus 3 Celsius around the middle of the day.
At 600m: Zero to Minus 5 Celsius
Freezing level: All levels early and later in the day, rising to around 600m early afternoon

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